

Date: Tue, 8 Feb 94 04:30:50 PST  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #22  
To: Ham-Space

Ham-Space Digest                      Tue, 8 Feb 94                      Volume 94 : Issue    22

Today's Topics:

Daily IPS Report - 6 Feb 94  
Daily IPS Report - 7 Feb 94

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Date: 7 Feb 94 00:32:35 GMT  
From: agate!howland.reston.ans.net!cs.utexas.edu!swrinde!sgiblab!munnari.oz.au!  
newshost.anu.edu.au!sserve!usage!metro!news.ci.com.au!eram!dave@network.ucsd.edu  
Subject: Daily IPS Report - 6 Feb 94  
To: ham-space@ucsd.edu

IPS RADIO AND SPACE SERVICES AUSTRALIA  
Daily Solar And Geophysical Report  
Issued at 2330 UT 5 February 1994  
Summary for 5 February and Forecast up to 8 February  
IPS Warning 03 was issued on 3 Feb and is current for 7-11 Feb.

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1A. SOLAR SUMMARY  
Activity: very low

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 093/040

1B. SOLAR FORECAST

	06 February	07 February	08 February
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 090/037

#### 1C. SOLAR COMMENT

None.

#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : mostly quiet to unsettled

Estimated Indices : A	K	Observed A Index 4 February
Learmonth	11 2324 2232	
Fredericksburg	18	10
Planetary	18	08

#### 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
06 Feb	08	Unsettled, active conditions may begin by the end of today.
07 Feb	16	Active.
08 Feb	20	Active.

#### 2C. MAGNETIC COMMENT

None.

#### 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
05 Feb	normal	normal	normal

PCA Event : None.

#### 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
06 Feb	normal	normal	fair
07 Feb	normal	fair	poor
08 Feb	normal	fair	poor

#### 3C. GLOBAL HF PROPAGATION COMMENT

NONE.

#### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values to 30% enhanced during local night.

T index: 50

#### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE T-index MUFs

06 Feb 40 Near predicted monthly values.

07 Feb 0 About 20% below predicted monthly values.

08 Feb 10 About 15% below predicted monthly values.

Predicted Monthly T Index for February is 30.

#### 4C. AUSTRALIAN REGION COMMENT

None.

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Date: 7 Feb 94 00:33:18 GMT

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metro!news.ci.com.au!eram!dave@network.ucsd.edu

Subject: Daily IPS Report - 7 Feb 94

To: ham-space@ucsd.edu

#### IPS RADIO AND SPACE SERVICES AUSTRALIA

Daily Solar And Geophysical Report

Issued at 2330 UT 6 February 1994

Summary for 6 February and Forecast up to 9 February

IPS Warning 03 was issued on 03 Feb and is current  
for interval 07-11 Feb.

#### 1A. SOLAR SUMMARY

Activity: Very low.

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 95/41

#### 1B. SOLAR FORECAST

	07 February	08 February	09 February
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 94/40

#### 1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : storm levels

Estimated Indices :	A	K	Observed A Index	5 February
Learmonth	57	6345 6665		
Fredericksburg	41			21
Planetary	55			24

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
07 Feb	40	Active to minor storm.
08 Feb	25	Active.
09 Feb	20	Active.

2C. MAGNETIC COMMENT

Magnetic activity commenced earlier and was more severe than expected. This activity is probably due to a coronal hole. Minor storm periods are expected for today then declining to active periods over next three days.

3A. GLOBAL HF PROPAGATION SUMMARY

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
06 Feb	normal	normal	fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
07 Feb	poor	poor	poor
08 Feb	fair	poor	poor
09 Feb	normal	fair	poor

3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms began yesterday and expected to continue for today. High lats can expect degraded comms over next four days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 10-20% below predicted monthly values

T index: -4

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
07 Feb	0	About 30% below predicted monthly values.
08 Feb	20	About 15% below predicted monthly values.
09 Feb	30	About 10% below predicted monthly values.

Predicted Monthly T Index for February is 30.

#### 4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected during Feb 7-11.

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End of Ham-Space Digest V94 #22

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